IN THE CLAIMS

1. (currently amended) A web-based supply chain system for improving business productivity, said system comprising:

a database comprising historical business information relating to one of a turbine engine and a turbine engine component;

a server coupled in communication with said database, said server comprising at least one business transactional application including a plurality of user interfaces associated with said at least one business transactional application, said server configured to:

prompt a user to enter business information relating to one of a turbine engine and a turbine engine component via at least one of said plurality of user interfaces, said server configured to store user inputs relating to one of the turbine engine and the turbine component in said database;

prompt a user to access and retrieve said at least one business transactional application via a web page configured to provide access for a plurality of users internal to a business entity and to users external to the business entity to enable users to access data comprising at least one non-conformance that occurs during at least one of an assembly and test stage and a component manufacturing stage of a supply chain process; and

prompt a user to select data relating to at least one of the turbine engine and the turbine engine component via said web page;

at least one computer; and

a network coupling said at least one computer to said server, and said database to said server.

2. (original) A system in accordance with Claim 1 wherein said business information database includes information relevant to a plurality of supply chain processes, said server further configured to store and download data relevant to at least one of the supply chain processes.

3. (original) A system in accordance with Claim 2 wherein said supply chain processes include at least one of demand planning, planning and scheduling, configuration management, order management, procurement, component manufacturing, assembly and test, logistics, and billing and collection.

4. (original) A system in accordance with Claim 2 wherein said server further configured to allow a user to:

set and input inventory requirements; and

monitor a suppliers availability to ship inventory.

5. (original) A system in accordance with Claim 2 wherein said server further configured to:

provide data for buying and related activities including at least one of globalization, long-term agreements, and raw material purchasing; and

integrate data from a plurality of purchase databases.

6. (original) A system in accordance with Claim 2 wherein said server further configured to track, store, and dispose data relating to non-conformances.

7. (original) A system in accordance with Claim 2 wherein said server further configured to:

summarize historical performance data in pre-defined categories;

integrate future demand schedules based on the summarized data; and

predicts potential manufacturing problems based on the summarized data.

8. (original) A system in accordance with Claim 2 wherein said server further configured to:

maintain process capability data for pre-determined part characteristics; and

receive operational metrics requiring monitoring.

9-20. (canceled)